

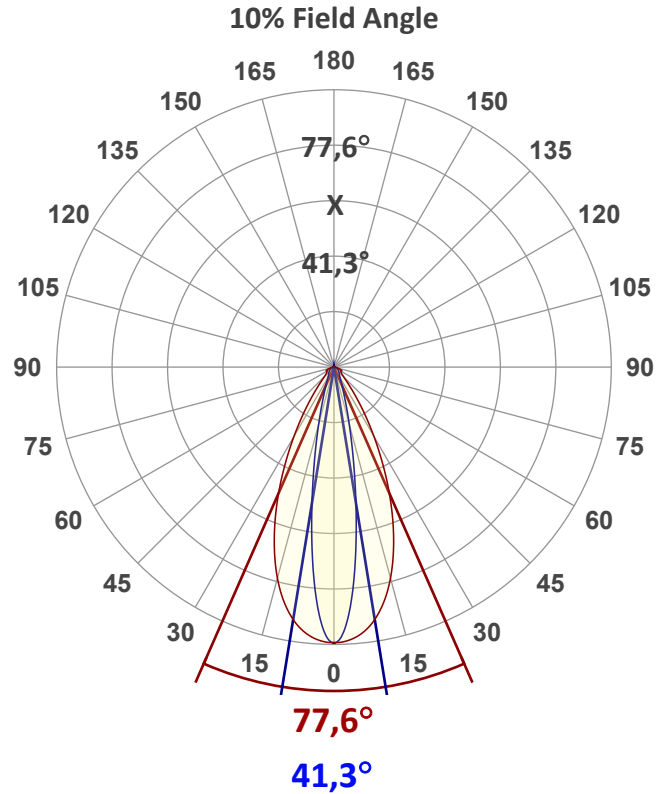
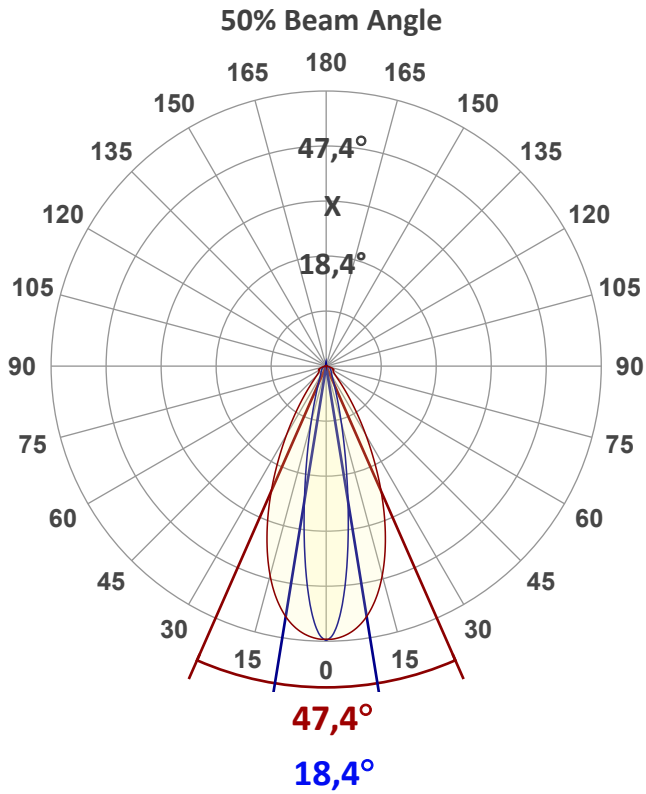
## Report Summary



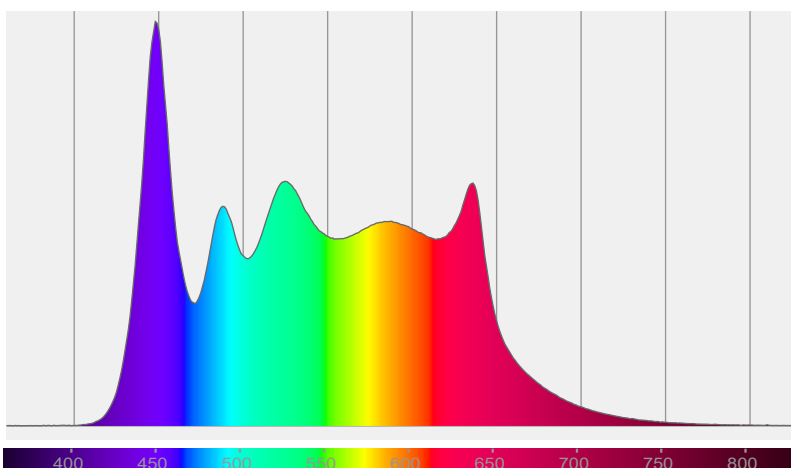
## Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 3547 lm / 8813 cd	Beam Angle (50%): 47,4°x18,4°	AC Supply: 225 V / 50 Hz
Fixture Efficiency: 36 lm/W	Field Angle (10%): 77,6°x41,3°	Power: 98,0 W
Intensity @ 5m: 352 lx	Cutoff Angle (2,5%): 138,9°x 90,6°	Current: 0,508 A
Color Temperature: 5757 K		Power Factor: 0,86
CRI: 96,5		
CRI R9 Value: 77,7		
CQS: 95,2		
TLCI: 94		
TM-30 Rf: 94,1		
TM-30 Rg: 100,9		

## Details



## Spectral Distribution



CIE 1931

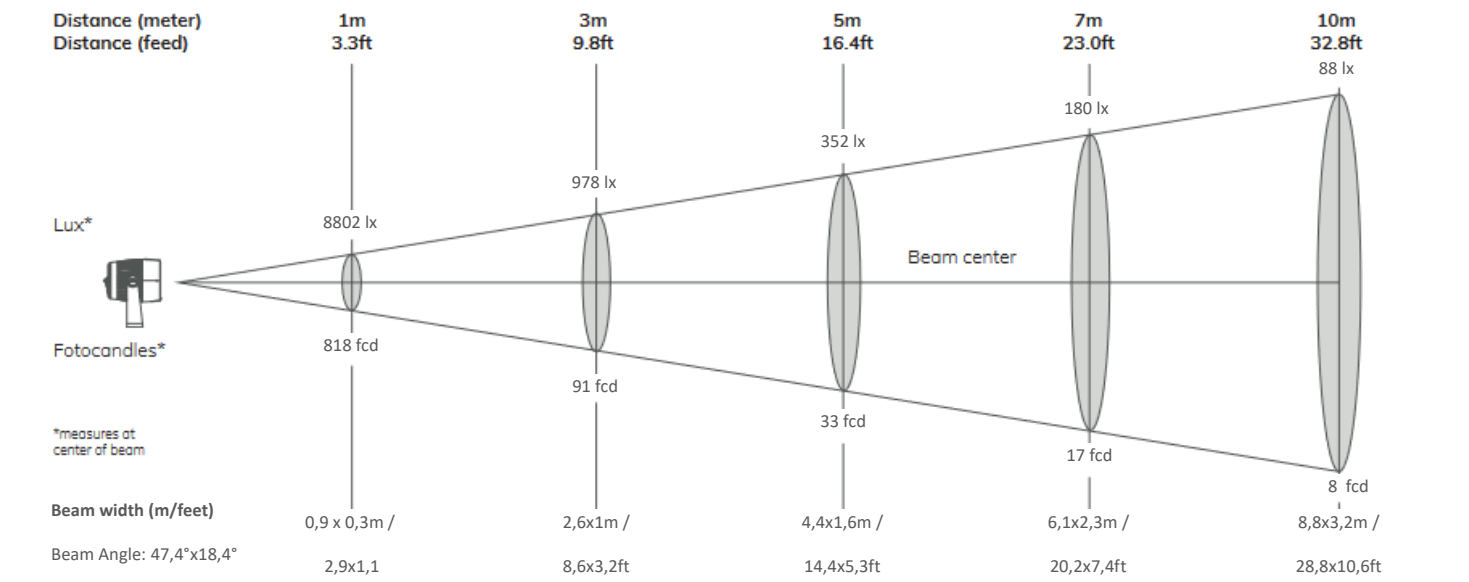
x: 0,327 y: 0,340

Light Quality

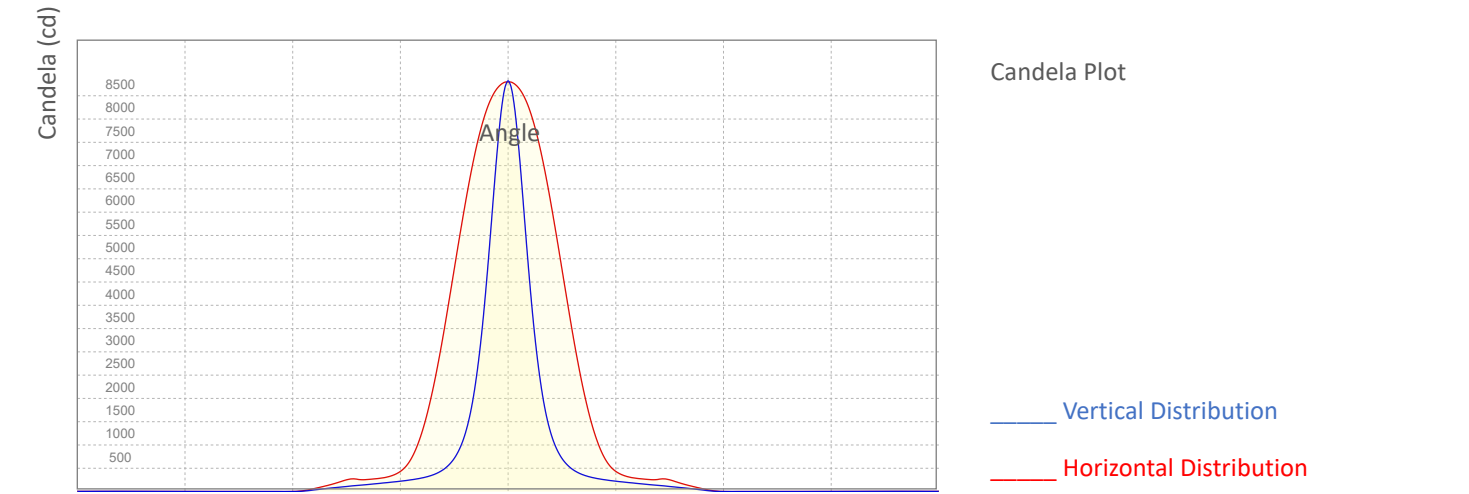
CRI: 96,5

Color Temperature

5757 K

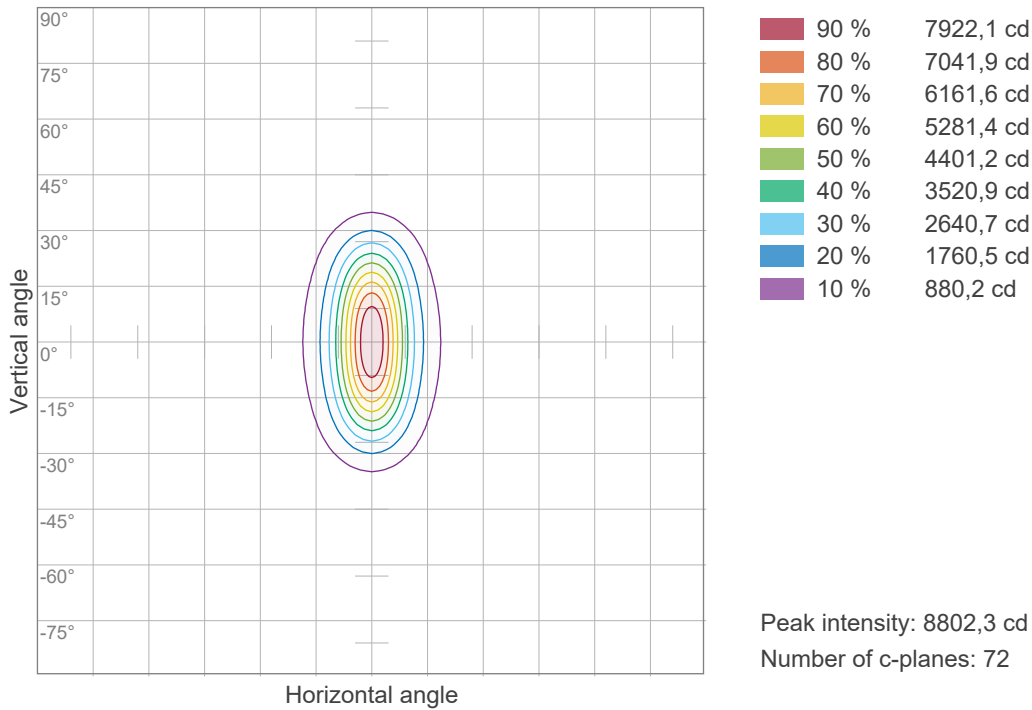


Angle	Distance									
	1m / 3.3ft		3m / 9.8ft		5m / 16.4ft		7m / 23ft		10m / 32.8ft	
	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet
Beam Angle: 47,4°x18,4°	8802/ 818	0,9x0,3/ 2,9x1,1	978/ 91	2,6x1/ 8,6x3,2	352/ 33	4,4x1,6/ 14,4x5,3	180/ 17	6,1x2,3/ 20,2x7,4	88/ 8	8,8x3,2/ 28,8x10,6

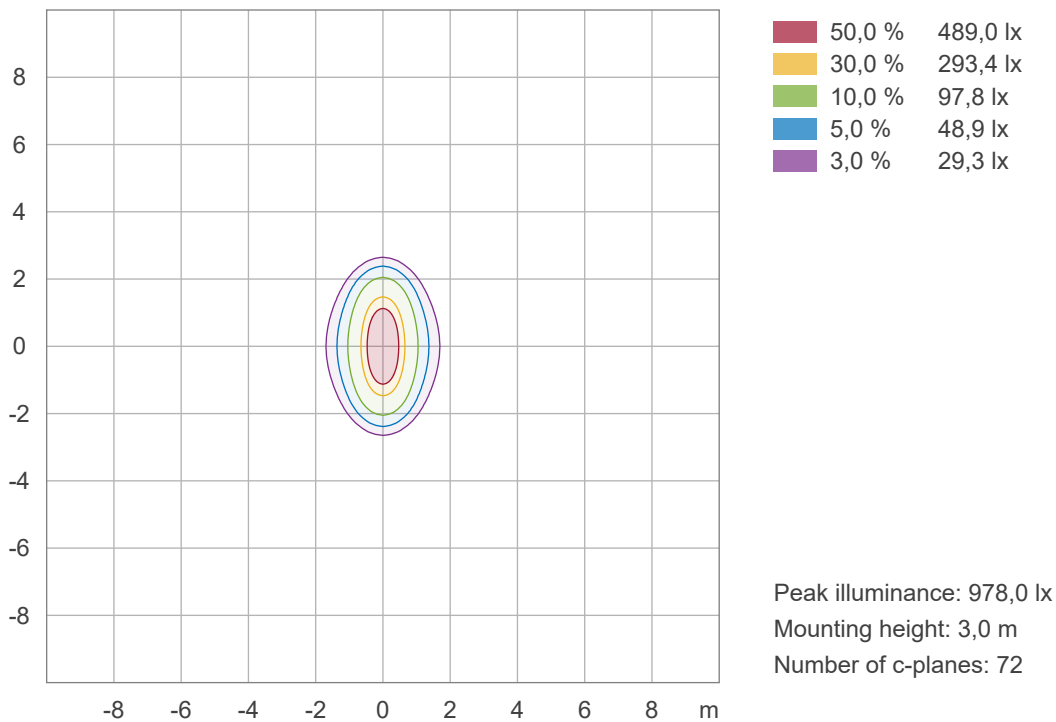


## ISO Diagrams

ISO Candela Diagram

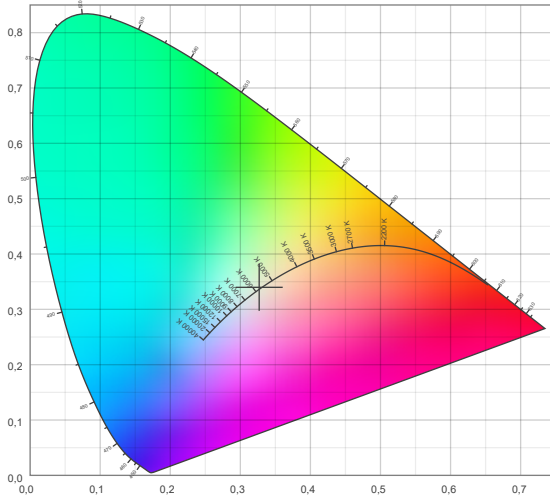


ISO Lux Diagram

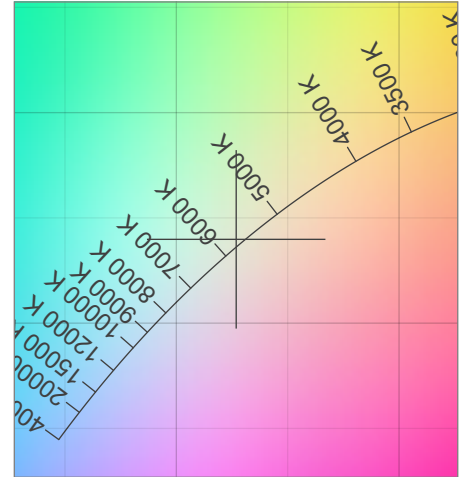


## Chromaticity

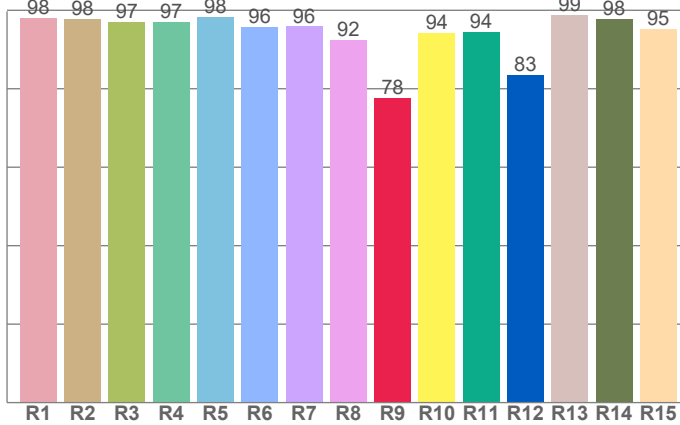
CIE 1931



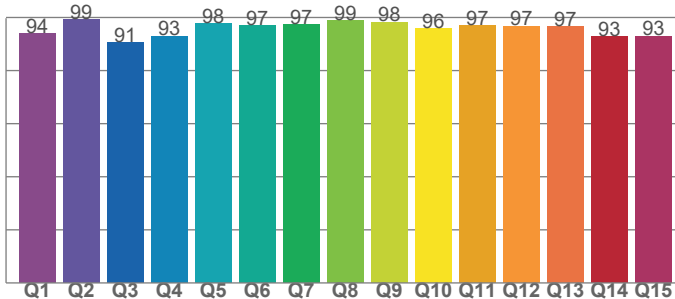
CIE 1931 - Zoom



CRI: 96,5 (R1-R8)



CQS: 95,2



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5757K	0,327	0,340

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	u	v
0,0014	0,204	0,317

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
96,5	77,7	95,2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
94	94,1	100,9

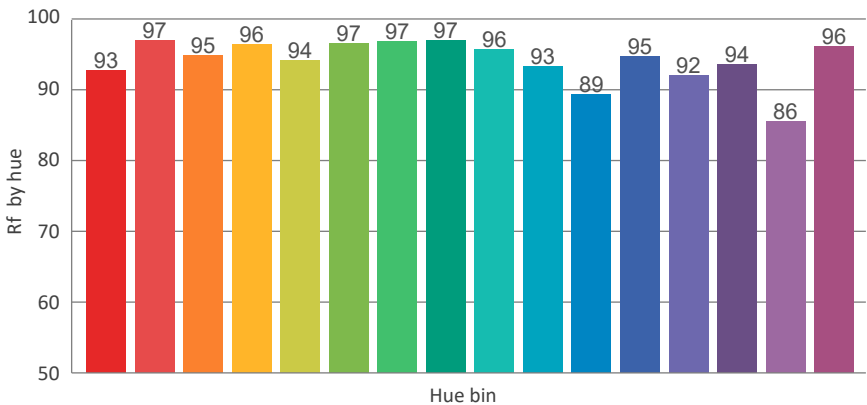
TM30 Details

Rf 94,1

Fidelity Index Rf

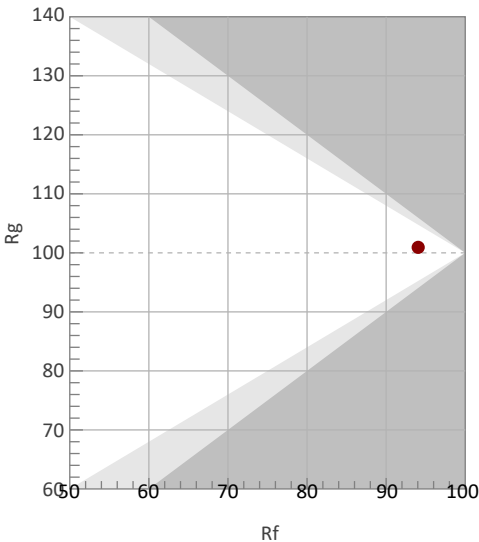
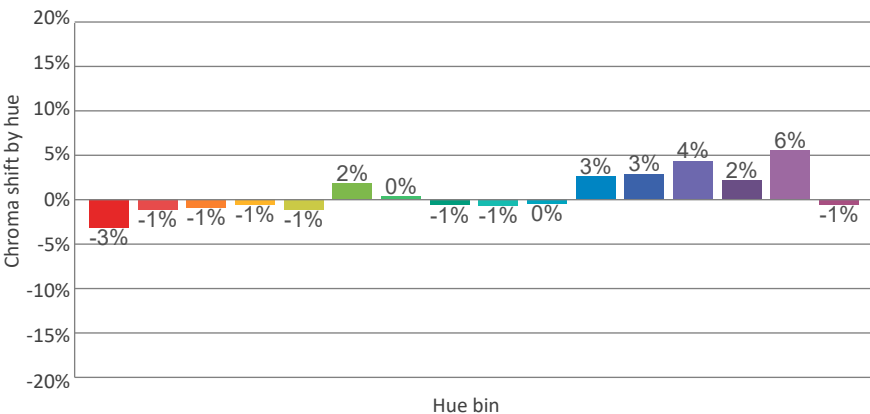
Rg 100,9

Gamut Index Rg

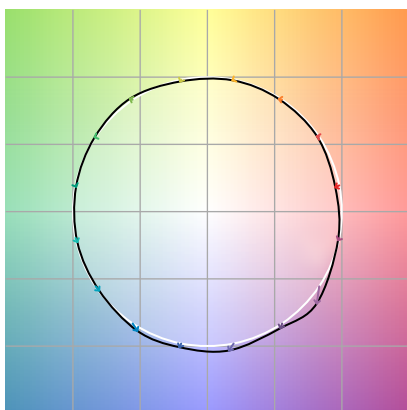


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30\_BIN\_VALUES\_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

